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(54) CHLOROPHYLLASE INHIBITOR, AND FOOD,
FEED AND COSMETIC CONTAINING THE
INHIBITOR

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject inhibitor for foods, feeds, cosmetics, etc., containing chlorophyll excellent in safety and activity by compounding one or more kinds selected from quercitrin, myricetin, myricitrin, butein, etc., as active component.

SOLUTION: The objective enzyme inhibitor is obtained by compounding at least one kind selected from quercitrin, in which rhamnose is bound to the 3-position of quercetin widely distributing in nature, especially abundantly contained in Houttuynia cordata, Humulus

lupulus and Japanese pepper; myricetin, which is abundantly contained in barks, etc., of a plant of Myrica; myricitrin, which is a glycoside in which rhamnose is bound to the 3-position of myricetin; butein, which is contained in a tree of Leguminosae native in India; etc., as active component, or by compounding at least one kind selected from extracts etc., of Houttuynia cordata, Humulus lupulus and Japanese pepper or at least one selected from barks of Myrica rubra, their extract, etc., as active component. The obtained enzyme inhibitor is useful for foods, feeds, cosmetics, etc., containing chlorophyll and has high safety and excellent suppressing activity on chlorophyllase.

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